

CLAIMS

1. A universal graph compilation system comprising
 a microcomputer ~~(23)~~ connected to at least one
 5 component ~~(35)~~ on which must be implemented the command
 corresponding to a graph, characterized in that in
 order to simplify the entry of the graphs, this system
 comprises a man-machine interface ~~(24)~~ implemented on
 the microcomputer ~~(23)~~ where it is connected to a
 10 compiler ~~(29)~~ which is itself connected via the
 operating system of the microcomputer ~~(32)~~ to means of
 writing in at least one memory ~~(34)~~ of the component
~~(35)~~, the man-machine interface comprising a
 spreadsheet ~~(24)~~ associated with a library ~~(25)~~ of two
 15 types of graphical symbols, each one corresponding,
 with regard to the first type, to an elementary
 component function and, with regard to the second type,
 to a link relating to the symbols of the first type,
 the symbols selected in the library being placed in the
 20 spreadsheet at a rate of one symbol per cell or per
 group of cells and assembled in such a way as to
 constitute a graph, each of the graphical symbols being
 represented in a group of adjacent elementary squares,
 and their connections ending at the centers of the
 25 corresponding sides of each elementary square.

2. The system as claimed in claim 1, characterized
 in that the memories in which the components are
 written are connected directly to the microcomputer
~~(33-34)~~.

3. The system as claimed in one of the preceding
 claims, characterized in that the memories ~~(34)~~ in
 which the commands must be written are fixed on the
 corresponding components ~~(35)~~ and in that these
 commands are remote loaded ~~(37)~~.

4. The system as claimed in ~~one of the preceding~~ ^{claim 1}
~~claims~~, characterized in that the man-machine interface
 comprises a topological checker ~~(26)~~ and a syntactic
 and semantic checker ~~(27)~~.

add 31
B2